



# NITFS Compliance Registration



Product: **ELT/NET**

Sponsor: **Overwatch Systems Boston Operations**

Developer: **Overwatch Systems Boston Operations**

Date: **30 April 2007**  
Expiration: **29 April 2009**  
Registration #: **2058**

- ☐ Initial Registration  
☒ Supplemental/Update #20  
☐ Derived from Reg. # 34

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:  
- Windows XP

## System

N-0105/98, §4.1.1

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

## NITFS Features Implemented:

### Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☒ V1.1
- ☒ NSIF
- ☒ V1.0

### Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer \*
- ☐ IEEE Real \*
- ☐ IEEE Complex \*

### Annotation Segment Types

- ☒ Bit Mapped \*\*
- ☒ CGM, 2301
- ☒ CGM, 2301A
- ☒ Labels \*\*

### Text Segments

- ☒ STA
- ☒ QT1
- ☒ Q8S
- ☒ QMTF

### Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☒ NODISPLAY
- ☐ POLAR

### Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsample
- ☒ JPEG Lossless
- ☒ JPEG 2000
- ☒ Bi-Level
- ☒ Vector Quantization

### Data Extension Segments

- ☒ TRE\_OVERFLOW
- ☐ STREAMING\_FILE\_HEADER
- ☒ Controlled Extensions \*\*
- ☒ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ USDE
- ☒ DIGEST GeoSDE
- ☐ CRDF
- ☒ NCDRD
- ☒ CIAE
- ☒ CHIPB
- ☒ 2KLRA
- ☒ BANDSB
- ☒ QMAPA
- ☒ RDC00B

Legend  
Interpret  
Generate  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division  
Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.